THE DEVELOPMENT OF 3D PRINTED PROSTHESES AND ANATOMICAL MODELS FOR CHILDREN

Featuring Dr. Jorge M. Zuniga
University of Nebraska at Omaha

November 3, 2017 | 12:00 - 1:15 pm | H&K112
Parking Available in Lot T

ABOUT DR. ZUNIGA

Dr. Jorge M. Zuniga received Master of Science degree from the University of Nebraska at Omaha and Ph.D. from the University of Nebraska-Lincoln. Currently, Dr. Zuniga is a faculty at the Department of Biomechanics at the University of Nebraska at Omaha. He is a member of The Association of Children's Prosthetic-Orthotic Clinics. Dr. Zuniga main research interests include the development of low-cost 3D printed prostheses and 3D printed anatomical models for surgical planning. Dr. Zuniga has authored and co-authored over 70 manuscripts published in peer-reviewed scientific journals. Dr. Zuniga developed a 3D printed prosthetic hand for children named Cyborg Beast (http://www.cyborgbeast.org). The Cyborg Beast was named one of the best 5 inventions of 2014 by MSN.com. Dr. Zuniga’s Research team is currently conducting several studies related to the development of low-cost 3D printed prostheses, orthoses, and assistive devices.

LEARNING OBJECTIVES

• Describe the development of 3D printed prostheses and anatomical Models for children
• Discuss research findings and future studies

The presenter, Jorge M. Zuniga, Ph.D., and planning committee, Nick Stergiou, Ph.D., Jeffrey Kaipust, M.S., Angela Collins, B.S., and Jackie Farley, CPP have no financial conflict of interest to disclose.

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